Here the switches which are attached at pin 1 and 2 act as selection switches and which are connected to pin no. 16 and 17 are acting as inputs.logic used is if

|  |  |  |
| --- | --- | --- |
| S1 | S2 | LOGIC |
| 0 | 0 | AND |
| 0 | 1 | OR |
| 1 | 0 | NAND |
| 1 | 1 | NOR |









